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M.E. / M.TECH. DEGREE EXAMINATIONS, MAY 2019

Second Semester

CP18004 – WEB ENGINEERING*(Computer Science and Engineering)***(Regulation 2018)****Time: Three Hours****Maximum : 100 Marks**Answer **ALL** questions**PART A - (10 X 2 = 20 Marks)**

1. List down the basic principles of web engineering.
2. Discover the requirements engineering activities.
3. Give brief note on Service Oriented Middleware.
4. Define Virtual Shared Memory.
5. What are the major weaknesses of HTML documents?
6. Categorize tools available for creating web applications.
7. List down the levels of testing a web application.
8. What is acceptance test in web application testing?
9. List down the properties of web project management.
10. How do the project managers can select the right outsourcing candidate?

PART B - (5 X16 = 80 Marks)

11. (a) Discuss adapting RE methods to web application development. **(16)**
(OR)
 (b) (i) Explain briefly product related characteristics. **(8)**
 (ii) Explain briefly development related characteristics. **(8)**
12. (a) Explain about the N-Layer architecture in web system development. **(16)**
(OR)
 (b) (i) List down the modeling specifics in web engineering and explain with suitable example. **(8)**
 (ii) Discuss about the presentation modeling in web based system development. **(8)**

13. (a) Explain about the web design from the evolutionary perspective. **(16)**

(OR)

(b) Explain about the Server-side Technologies used in web application development in detail. **(16)**

14. (a) What are the two testing approaches used in Web application testing? Write notes on Web application testing methods. **(16)**

(OR)

(b) Describe about the typical methods and techniques for testing Web application. **(16)**

15. (a) How does the quality of the web project can be ensured using pair walkthrough and team walkthrough? **(16)**

(OR)

(b) How does WebApp project scheduling can be performed? Explain about the project scheduling process in detail. **(16)**